

REMARKS

Claims 1-16 are all the claims pending in the application. Claims 1-6, and 13-16 are withdrawn as being directed to a non-elected invention. Reconsideration and allowance of all the claims are respectfully requested in view of the following remarks.

Specification

The Examiner objected to the abstract of the disclosure as including informalities. The Examiner noted specific instances of informality in item 5 bridging pages 2 and 3 of the Office Action. In response, Applicants have amended the abstract so as to remove the informalities.

The Examiner objected to the disclosure as including informalities. The Examiner noted specific instances of informality in items 6-8 on pages 3-4 of the Office Action. In response, Applicants have amended the disclosure to correct certain instances of informality. With respect to “blazonry” and “poshness”, however, Applicants submit that these terms mean “dazzling display” and “elegant, fashionable”, respectively. Accordingly, with respect to these terms, the specification is clear as written.

Claim Rejections - 35 U.S.C. § 112

The Examiner rejected claims 8, 11, and 12, under §112, 2nd paragraph, as indefinite. The Examiner noted specific instances of indefiniteness in item 10 on pages 4-6 of the Office Action. In response, Applicants have amended claims 8, 11, and 12.

Claim Rejections - 35 U.S.C. § 102

The Examiner rejected claims 7-9, 11, and 12, under §102(b) as being anticipated by US Patent 5,497,080 to Kim (hereinafter Kim). Applicants respectfully traverse this rejection because Kim fails to disclose all of the elements as set forth in the claims.

Claim 7 sets forth a rotation sensor, in combination with an ultrasonic-welding apparatus, comprising a cradle and an ultrasonic horn disposed so as to face the cradle. Kim fails to disclose an ultrasonic-welding apparatus or, more specifically, an ultrasonic horn disposed so as

to face a cradle. Accordingly, Kim fails to anticipate claim 7. Likewise, Kim fails to anticipate dependent claims 8, 9, and 11.

Claim 12 sets forth a detecting method, for an ultrasonic-welding apparatus, comprising rotating a rotor on a cradle after the rotor has been released from engagement between the cradle and an ultrasonic horn. Kim fails to disclose rotating a rotor after the rotor has been released from engagement between a cradle and an ultrasonic horn. Accordingly, Kim fails to anticipate claim 12.

The Examiner rejected claims 7, 8, and 10, under §102(b) as being anticipated by US Patent 4,894,533 to Abe et al. (hereinafter Abe). Applicants respectfully traverse this rejection because Abe fails to disclose every element as set forth in the claims.

As noted above, claim 7 sets forth a rotation sensor in combination with an ultrasonic-welding apparatus comprising a cradle and an ultrasonic horn disposed so as to face the cradle. Abe fails to disclose an ultrasonic horn and a cradle. Accordingly, Abe fails to anticipate claim 7. Likewise, this reference fails to anticipate dependent claims 8 and 10.

Conclusion

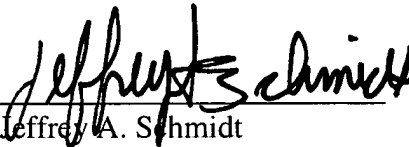
In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

Amendment Under 37 C.F.R. § 1.111
U.S. Appln No. 10/046,076

Atty. Dkt No. Q67880

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,


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